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EXAMINER				
BELOUSOV, ANDREY				
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/789,970

Applicant(s)

OLANDER ET AL.

Examiner

ANDREY BELOUSOV

Art Unit

2174

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 October 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-45 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-45 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SF/ICE)
Paper No(s)/Mail Date 10/19/2007.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

This action is responsive to amendment filed on October 19, 2007. Claims 1-45 are pending and have been considered below.

Claim Objections

1. Claim 16 is objected to because of the following informalities: Typographical mistake: "be" is omitted between "can" and "a" in line 13. Appropriate correction is required.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-45 are rejected under 35 U.S.C. 102(b) as being anticipated by Hunter, (Java™ Servlet Programming by Jason Hunter, Copyright (c) 2001, 1998 O'Reilly & Associates, Inc.)

Claim 1, 16, 30, 45: Hunter discloses a method, machine readable medium having instructions stored thereon, and a computer readable storage medium for navigating a graphical user interface (GUI) having at least one page, comprising:

- a. providing a first booklet (e.g. Fig. 7-1, 204; Fig. 9-4, pg. 293), wherein user interaction with the first booklet can cause the GUI to navigate to a new page (pg. 206);
- b. providing a request based on user interaction with the first booklet (pg. 15);
- c. mapping (pg. 31) the request to a control tree factory (pg. 7);
- d. generating a control tree from the factory based on the request wherein the control tree includes a booklet control (Fig. 7-1, pg. 204) corresponding to the first booklet;
- e. advancing the control tree through at least one lifecycle stage based on the request (pg. 35-36); and
- f. generating a response wherein the response can be used to render the new page (pg. 129, 130);
- g. wherein the at least one lifecycle includes an event stage where at least one control of the control tree raise events to communicate with another control of the control tree (pf. 580-582);
- h. wherein the event stage occurs before a render lifecycle stage (pg. 203-204)
- i. wherein in the render stage, the controls of the control tree create their own GUI representation (pg. 203-204.)

Claim 2, 17, 31: Hunter discloses a method and machine readable medium having instructions stored thereon of claim 1, 16 and 30, respectively, wherein: the first booklet is at least one of: 1) a set of tabs and/or buttons; and 2) a menu (Fig. 7-1, pg. 204.)

Claim 3, 18, 32: Hunter discloses a method and machine readable medium having instructions stored thereon of claim 1, 16 and 30, respectively, wherein: the first booklet is associated with at least one of the least one page (Fig. 7-1, pg. 204.; Fig. 9-4, pg. 293.)

Claim 4, 33: Hunter discloses a method and machine readable medium having instructions stored thereon of claim 1 and 30, respectively, wherein: the new page can a second booklet (Fig. 7-1, pg. 204; Fig. 9-4, pg. 293.)

Claim 5, 19, 34: Hunter discloses a method, and a machine readable medium having instructions stored thereon of claims 1, 16 and 30, respectively, wherein the step of generating a control tree from the factory comprises:

- a. creating a metadata representation of a control tree (pg. 74, 584); and
- b. generating a class to construct the control tree based on the metadata representation (pg. 584.)

Claim 6, 20, 35: Hunter discloses a method, and a machine readable medium having instructions stored thereon of claims 1, 16 and 30, respectively, wherein the request is an hypertext transfer protocol request (HTTP); and the request originates from a web browser (pg. 15.)

Claim 7, 21, 36: Hunter discloses a method and machine readable medium having instructions stored thereon of claim 1, 16 and 30, respectively, comprising: providing the response to a web browser (pg. 15.)

Claim 8, 22, 37: Hunter discloses a method and machine readable medium having instructions stored thereon of claim 1, 16 and 30, respectively, wherein: the control tree is driven through the at least one lifecycle stage by an interchangeable lifecycle component (pg. 35-36.)

Claim 9, 23, 38: Hunter discloses a method and machine readable medium having instructions stored thereon of claim 1, 16 and 30, respectively, wherein: the booklet control has an interchangeable persistence mechanism (pg. 37, 216, 384, 582.)

Claim 10, 24, 39: Hunter discloses a method, and a machine readable medium having instructions stored thereon of claims 1, 16 and 30, respectively, wherein the booklet control can render itself according to a theme (Tea Templates, pg. 433.)

Claim 11, 25, 40: Hunter discloses a method and machine readable medium having instructions stored thereon of claim 1, 16 and 30, respectively, wherein: the booklet control can interact with another of the at least one controls (pg. 35.)

Art Unit: 2174

Claim 12, 26, 41: Hunter discloses a method and machine readable medium having instructions stored thereon of claim 1, 16 and 30, respectively, wherein: the booklet control can advance through the at least one lifecycle stage in parallel with other controls in the control tree (pg. 35.)

Claim 13, 27, 42: Hunter discloses a method and machine readable medium having instructions stored thereon of claim 1, 16 and 30, respectively, wherein: the at least one lifecycle stage is one of: init, load state, create child controls, load, raise events, pre-render, render, save state, unload and dispose (pg. 35, 43.)

Claim 14, 28, 43: Hunter discloses a method, and a machine readable medium having instructions stored thereon of claims 1, 16 and 30, respectively, wherein the response is an HTTP response (pg. 15.)

Claim 15, 29, 44: Hunter discloses a method and machine readable medium having instructions stored thereon of claim 1, 16 and 30, respectively, wherein: the booklet control can raise events and respond to events (pg. 580-583.)

Response to Arguments

4. Applicant's arguments filed October 19, 2007 have been fully considered but they are moot in view of the new ground(s) of rejection, as necessitated by Applicant's amendment of the relevant claims.

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew Belousov whose telephone number is (571) 270-1695. The examiner can normally be reached on Mon-Fri (alternate Fri off) EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A. Wiley can be reached on (571) 272-3923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-3800.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Application/Control Number: 10/789,970

Page 8

Art Unit: 2174

AB

December 27, 2007

/David A Wiley/

Supervisory Patent Examiner, Art Unit 2174